

Supplementary Information

Legends

Figure S1: The dietary composition of *D. evelynae*. (a) Hard, white warts; fish fin; and scales. (b) Catfish skin with black pigment. (c) Three *Argulus* from one stomach.

Figure S2: The correlation between body size (SL, mm) and the number of pearl organs of *L. cylindricus*. Larger fish have more pearl organs ($F_{1,15} = 7.258$, $P = 0.017$).

Table S1. Top 50 results of the BLAST search of our 118 bp sequence against the COI gene dataset of all fishes in Lake Malawi stored in Genbank.